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FLOORING

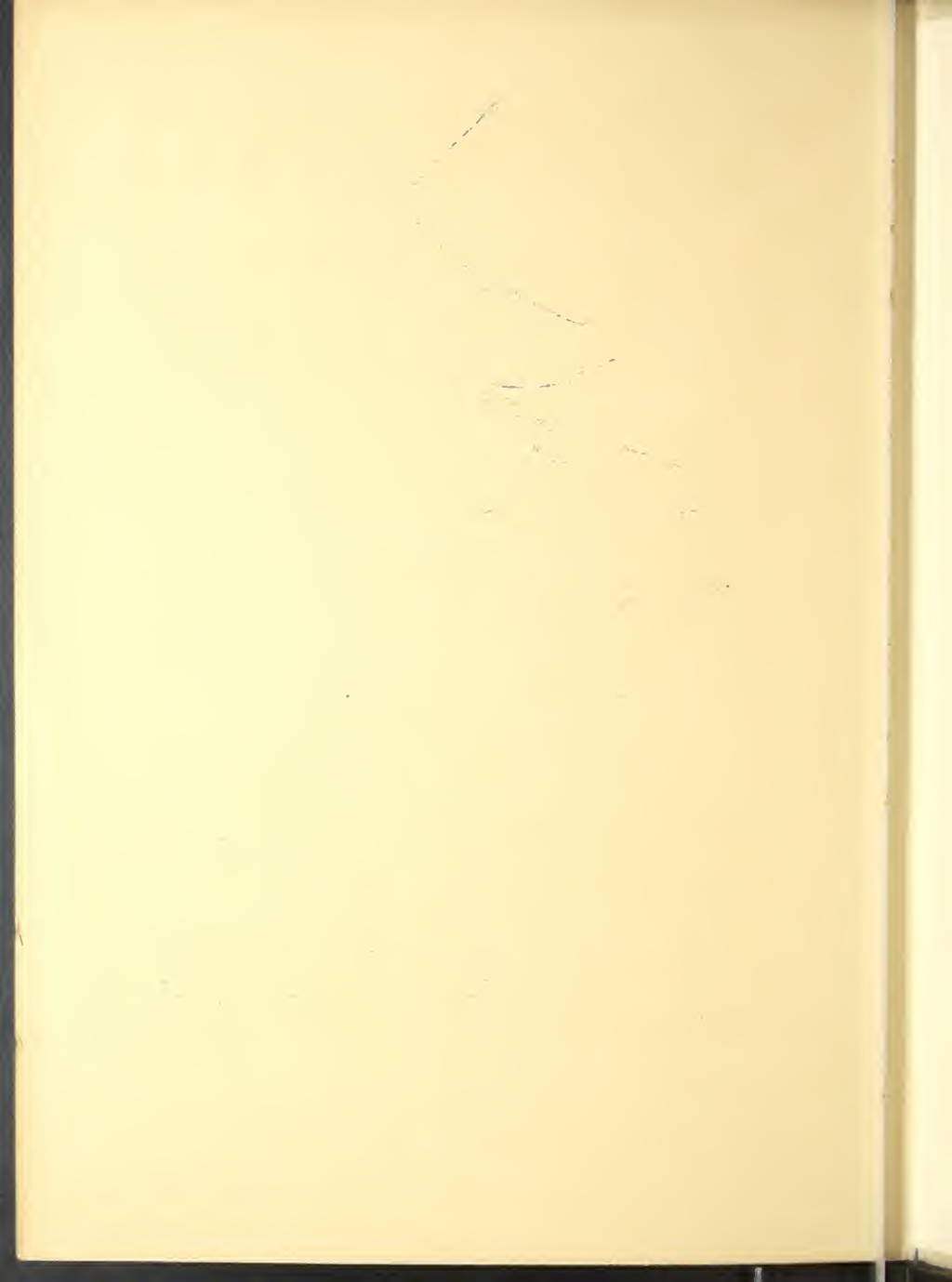
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IT'S IMPORTANCE
IN YOUR PROGRAM
FOR INCREASED
PRODUCTION



Republic Creosoting' Company
Indianapolis Indiana
U.S.A.

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To Industrial Executives, Architects and Builders:

IN THE erection of a new industrial plant, or of additional units to one already established, it should be remembered that because of its direct relation to profitable production, the floor is one of the most important parts of the building.

Experience of industrial executives in all parts of the country, in widely varying lines of manufacture, has proved that creosoted wood block floors bring about large savings in repairs and replacements, increase the efficiency of employees, and speed up production over any other type of floor.

Certainly these things will greatly affect the success of any manufacturer and merit your serious consideration.

REPUBLIC CREOSOTING COMPANY
Indianapolis, Indiana - U. S. A.



The Home of Frigidaire

ABOVE is shown the huge 1926 addition to the Frigidaire plant at Dayton, regarded as one of the most modern factory buildings in America. It is floored throughout with Republic creosoted wood blocks.

This installation required 225 carloads of blocks and 17 cars of pitch, constituting the largest single contract in the history of the industry.

The determining factors in the awarding of this contract were the quality of the product, Republic's large stock of seasoned block material, and the complete organization which enabled it to guarantee delivery and installation within 60 days.

An Industrial Floor That You'll Not Have to Replace

The remarkable success of American industry has come through prompt acceptance and use of new ideas and methods as soon as they have proved of value.

The following paragraphs, which set forth the principal advantages of Republic creosoted wood block floors, reflect the experience of hundreds of American industrial executives and portray exactly what you can expect from these floors in your own plant.

They Meet the Demands of Industry

Republic floors are adapted to any of the various conditions that exist in widely differing branches of industry. It is a type of floor that is practical under all conditions.

They Will Last for Generations

Only time can tell the age limit of Republic floors. The first one laid, now over 22 years old, is still in daily use and, in spite of the hard usage it has had, is as good as new. No Republic floor has ever worn out.

They Save
Repair and
Replacement
Expense

Manufacturers, under varying conditions, have proved that Republic floors practically eliminate all floor repair and replacement expense.

They Stand
Harder Usage
Than Any
Other
Industrial
Floor

You can count on Republic creosoted wood block flooring to give you unnumbered years of satisfactory service under hard usage that would chip and crumble cement, splinter and quickly wear out wood plank flooring.

They Reduce
Breakage of
Dropped Tools
and Castings

This is important in many plants where sharp-edged tools are used. In others, heavy castings being moved about damage either themselves or the floor every time they are dropped.

They Create
No Abrasive
Dust

Republic floors are free from the fine abrasive dust that results from the constant wear of cement floors. This dust is injurious to many products and to the bearings of costly machinery.

(Continued to Page 6)



VIEW IN OUR EXHIBITION TRUCK PLANT, PRINCETON, N.J.

Has Had No Repair and Shows No Wear in Eight Years' Service

THE WHEEL IN
EIGHT YEARS
OF UNIVERSAL
TRUCK SERVICE

"This experience with Wapacite convinced me that Wapacite has been the perfect solution to the wear problem. We have been able to get a lot of mileage from the one right wheel and show no wear whatever on any part of the tire. Other tires will not hold up under heavy traffic and we can't get around that wear factor because we need a good wheel and there is no wear whatever."

EDWARD J. TRIMMER, General
Manager, J. M. Wapacite Tire Company

They Reduce
Noise and
Vibration

Since the grain end of the block forms the floor surface, it presents a firm and tough, yet yielding cushion. This renders footsteps noiseless and absorbs the vibration and much of the noise of machinery.

Employees
Like to Work
on Them

The comfort of employees has much to do with efficient production. Republic floors are warm, dry, resilient and free from dust. This makes them popular with workmen.

They Are
Decay-Proof
and
Vermin-Proof

Wood, impregnated with pure, heavy creosote oil, will be preserved indefinitely. Creosote renders it chemically proof against all agents that induce decay and disintegration. Creosote repels vermin of all kinds.

Better
Production
and
Lower Costs

In your plant Republic floors will make possible better, quicker and more economical handling of raw materials and manufactured product; stimulate the individual efficiency of your workmen, and eliminate heavy floor repair and replacement expenses.



Main Aisle, Bohl & Son Company's Warehouse, Detroit

Largest American Warehouse Floored with Republie Black

*Continued on
page 100—
See also the
feature on
Republie
Black.*

Bohl & Son Corporation, of Detroit, installing their new Republie Black floor over their old concrete aggregate floor. They regarded it somewhat at an experiment, but it was so successful, however, that after installation 1000-100, and when, in 1924, they built their new warehouse, the largest facility yet known in the United States—Republie floors were specified throughout. The reputation of this company is typical and illustrates that Republie floors in service wear more than twenty-



The view above shows one section of the mammoth yards at our Indianapolis plant, which include 80 acres—the largest commercial creosoting plant in the world.



Above are shown part of the 15 huge creosote storage tanks at our Indianapolis plant. We distill all our own creosote, using the Bailey patented process, which is controlled and which produces a uniform heavy creosote.

The Company

To insure proper seasoning before treating the blocks, Republic has millions of feet of lumber stock in its yards at all times. The view below shows piles of black stock over 20 feet high, extending nearly a half mile in the distance.





Why Behind Republic Flour

THE BUREAU OF COMMERCE, COUNTRY, is a pioneer in the wood preservation industry and produced the first industrial wood block flour most made. It has maintained its leadership continuously and is today by far the largest concern of its kind in the world, managed solely by its facilities its resources, on the basis of its product, on the basis of its quality.

Republic Flour are to be found in practically every flour in the Union, and it is reasonable that they are to be found in the most progressive and successful plants. Many of America's nationally known products are manufactured in Republic Flour.

But these visible witnesses to Republic reliability would be possible if it were not for the integrity and high doing that mark every transaction. The Republic policy rests on the high quality of its products and the conscientious fulfillment of every obligation.



There Is a Republic Factory or Branch Close By You

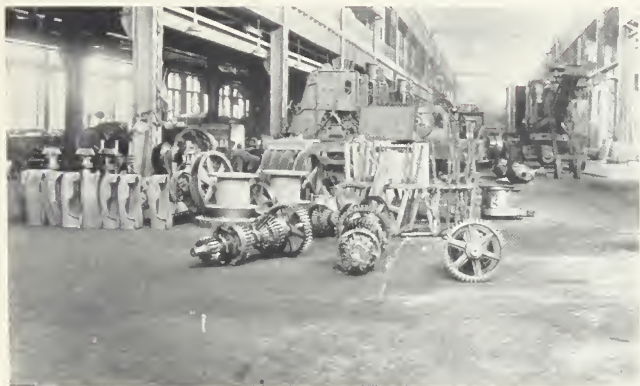
*We maintain 6 factories and 13 branches,
as indicated on the above map, in order
to efficiently and economically serve you*

Practical or technical information referring to your flooring conditions is quickly available from the Republic branch nearest you. This Republic service is yours for the asking and implies no obligation on your part. We would be glad to hear from you.

Prompt Deliveries and Satisfactory Service in Laying Republic Floors

The vast organization of the Republic Creosoting Company—its coverage of the entire United States—makes it possible to give you unusual deliveries and prompt service in laying your floor.

***Please address your inquiry to the General Offices of
Republic Creosoting Company, Indianapolis, Indiana***



Fabricating Shop, Link Belt Plant, Chicago

Hard Service Shows No Effect on This Republic Floor

Ten-Ton
Tractor Crane
Doesn't Hurt
This Floor

This view of the machine and fabricating shop in the Link Belt Company's Chicago plant shows how Republic floors stand up under extremely hard punishment. In the rear at right can be seen a 10-ton caterpillar crane used on various parts of the floor. Also note the piles of heavy castings. Parts of this floor have been flooded twice in 1924 without resulting in damage. This floor was installed in 1920.

Creosoted Wood Block Floor Data

Important for You to Have in Determining
Reflooring Problems

SHAPE OF BLOCK TO BE USED

The shape of the block is a minor consideration. We are equipped to make 15 different shapes and types and supply any shape you specify, yet we say frankly that none of these is the equivalent of the standard rectangular block in actual service. Claims made for various types and shapes are not borne out in actual use.

THICKNESS OF THE WOOD BLOCK

The depth of the wood block must be gauged by the particular load-carrying requirements. Ordinarily the 3" standard block gives maximum satisfaction, leaving a factor of safety for peak loads. We suggest that you permit a Republic flooring engineer to give you practical suggestions after surveying your particular needs. This Republic service is yours for the asking, and not only assures a correct block, but also frequently results in a substantial saving.

THE CHARACTER OF WOOD PRESERVATIVE

Wood blocks saturated with *pure heavy* creosote oil become practically as permanent as stone. But, in the stress of competition, creosote is often adulterated with coal tar and other substitutes and put out under trade names. These are of preservative value only in relation to the amount of creosote they contain. Crude coal tar is of questionable preservative value and is used as an adulterant to cheapen the product.

Creosote varies in volatility. Light creosote oil—although an ideal preservative—evaporates quickly and in time leaves the wood unprotected. Heavy-bodied creosote oil does not evaporate, but is *permanent*; that is, it remains in the wood indefinitely.

(Continued to Page 14)



View of Creosote Still

Republic Manufactures All Its Own Creosote

Republic Creosote Oil Is Superior

The importance of the above statement should not be overlooked. Ordinarily creosote oil is a by-product in the manufacture of pitch, and most of it is of the lighter and more volatile grades. In the Republic plant creosote is a primary product, and pitch the by-product, so that the character of the oil is controlled absolutely. Republic controls the patented Reilly process, which enables it to produce a heavier and more stable creosote oil than is possible by any other method.

INDIANAPOLIS, INDIANA, U. S. A.

THE CREOSOTE TREATMENT IS IMPORTANT

The amount of creosote (exclusive of adulterants) that is deposited below the surface throughout the wood determines the resistance to decay. Wood blocks may be effectively treated with from 6 pounds to 22 pounds per cubic foot, dependent upon the special requirements. Our flooring engineers will advise you on the proper creosote treatment for your requirements, considering the service required of the floor, local conditions, exposure, etc.

LAYING CREOSOTED WOOD BLOCK FLOORS

Covering the United States we maintain crews expert in laying wood block floors. This Republic service assures you maximum satisfaction with your floor and gets away from lost time and inferior work. There are cases where it is possible for you to lay your own floor with local labor if you wish. Under such a condition our Engineering Department will furnish you specifications for handling the work.

THE COST OF REPUBLIC WOOD BLOCK FLOORS

You will quickly see that the cost is dependent upon the thickness of the block used and the character of the creosote treatment. These should be determined after looking over your local conditions. We will be glad to give you specific recommendations with costs at any time. A request for such information obligates you in no way.

REPUBLIC ENGINEERING AND CONSULTING SERVICE

In each of our six plants and fourteen branches we maintain experienced representatives who, without obligation, will advise with you on your floor problems. We suggest that you permit one of these Republic flooring engineers to give you practical suggestions, gauged to your particular needs. This service is yours for the asking, and not only assures a better floor but also frequently results in a substantial saving.

Commendation of Republic Creosoted Wood Block Floors

"Pickling Acid Doesn't Hurt Them"

"Replying to your inquiry in reference to Republic creosoted wood block floors: We bought the floor to put in our pickle room, a very wet place, where a concrete floor soon gives out, owing to the acid. It has been in use several years and has fulfilled our expectations perfectly."

STURGES & BURN MANUFACTURING COMPANY
Chicago

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"Proves to be All That Was Claimed for It"

"We put in a Republic creosoted wood block floor in our new mill building (in 1917) because investigations made at the time indicated that it was the most advantageous factory floor. The ordinary board floor would not have stood the wear and tear, and concrete would have been unhealthy, hard on the operatives, and very noisy. Our experience with this floor proves to be all that was claimed for it. We are well pleased and find it ideally suited for its purpose."

NATIONAL HOSIERY MILLS
New Orleans

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"Best Surface for Heavy Trucking"

"At our Hawthorne plant we have experimented with various types of floors, in order to obtain one that would withstand heavy trucking service, and have adopted creosoted wood block as the best surface where the same is subjected to heavy trucking. Therefore, at our Kearney plant, we are installing Republic wood block on the first floor of all the buildings."

WESTERN ELECTRIC COMPANY
New York

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"Floors Are Durable, Quiet, and Resist Slipping"

"We have approximately 28,000 square yards of Republic wood block flooring, which has been in service since 1922. We had practically no repair cost and not much apparent wear. The floors are durable, quiet, and resist slipping, which speeds up trucking and lessens truck repair."

THE U. S. SHEET AND WINDOW GLASS COMPANY
Toledo, Ohio

"Last Word in Factory Floors"

"We purchased a Republic creosoted wood block floor for the very reason that, in our estimation, it was the last word in factory floors, and it is fulfilling our expectations. We have no suggestions to offer as to improvement of your product or its installation. It has been very satisfactory to us."

THE CANADIAN CROCKER-WHEELER COMPANY, LTD.
St. Catharines, Ontario

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"Found Republic Fair and Dependable"

"The Republic floors put in for us have been subjected to constant heavy trucking, but are standing up very good and show no wear whatever. Based on our own experience, we have no hesitancy in saying that these fulfill all the claims made for them. We found the Republic Company fair, honest and dependable in all our dealings with them."

AMERICAN STOVE COMPANY
Lorain, Ohio

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"Thoroughly Sold on Wood Block Floors"

"Our plant, all on one floor, covering one and one-quarter acres, was floored with Republic creosoted wood blocks in 1923, and we are very much pleased with its resiliency and wearing qualities. It is practically noiseproof. We do considerable trucking over the floor, but have not had to replace a single block because of wear. The writer is thoroughly sold on wood block floors for factory purposes."

C. R. KILMINGTON, Superintendent
Publishing House of the Methodist Episcopal Church, South
Nashville, Tenn.

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"Heavy Castings Do Not Damage"

"We have several floors of Republic creosoted wood blocks and all have proved very satisfactory. The floors do not tire the workmen, and the wearing qualities are all that you could ask. Our production includes many heavy castings, which are very destructive to concrete floors, but apparently do not damage the wood block floors."

THE BESSEMER GAS ENGINE COMPANY
Grove City, Pa.

